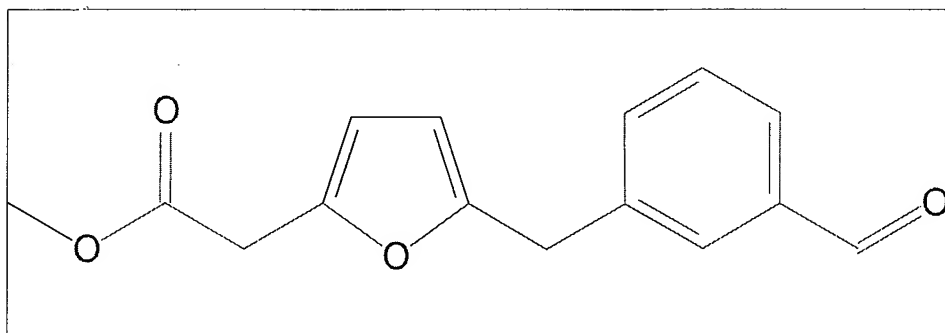


EXHIBIT G



Substance Identification

| | |
|---------------------------|---|
| Beilstein Registry Number | 7928408 |
| Chemical Name | [5-(3-formyl-benzyl)-furan-2-yl]-acetic acid methyl ester |
| Autoname | [5-(3-formyl-benzyl)-furan-2-yl]-acetic acid methyl ester |
| Molecular Formula | C ₁₅ H ₁₄ O ₄ |
| Molecular Weight | 258.27 |
| Lawson Number | 19967, 289 |
| Type of Substance | heterocyclic |
| Constitution ID | 6756493 |
| Tautomer ID | 7497273 |
| Beilstein Reference | 6-18 |

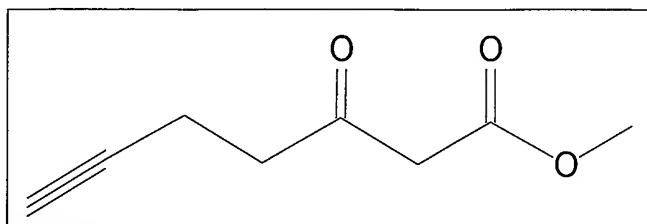
Field Availability List 1-2

| Code | Field Name | Occ. |
|-------------------|------------|------|
| <u>RX</u> | Reaction | 1 |
| <u>CNR</u> | Reference | 1 |

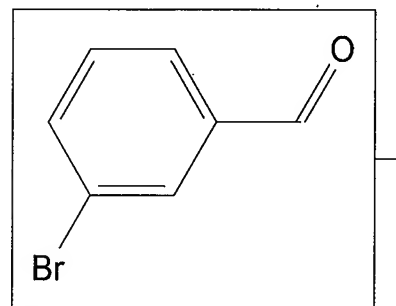
Reaction

| | |
|-------------------------|--|
| Reaction ID | <u>4864345</u> |
| Reactant BRN | <u>5497712</u> 3-oxo-hept-6-ynoic acid methyl ester <u>1634534</u> 3-bromo-benzaldehyde |
| Product BRN | 7928408 [5-(3-formyl-benzyl)-furan-2-yl]-acetic acid methyl ester |
| No. of Reaction Details | 1 |
| Reaction Classification | Preparation |
| Yield | 43 percent (BRN=7928408) |
| Reagent | K ₂ CO ₃ , Pd(PPh ₃) ₄ |
| Solvent | dimethylformamide |
| Time | 5.0 hour(s) |
| Temperature | 100 C |
| Find similar reactions | <u>click here</u> |

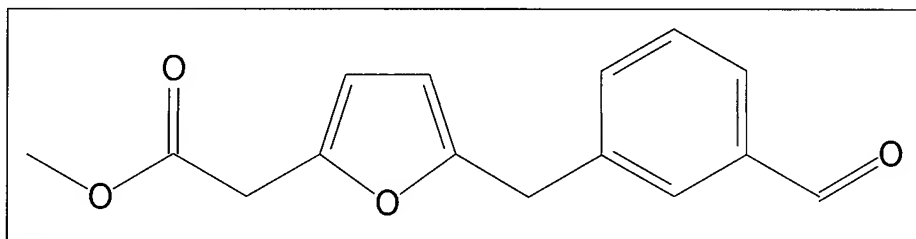
Ref. 1 **6089565**; Journal; Cacchi, Sandro; Fabrizi, Giancarlo; Moro, Leonardo; JOCEAH; J. Org. Chem.; EN; 62; 16; 1997; 5327-5332.



Reactant 1



Reactant 2



Product 1

Reference

6089565; Journal; Cacchi, Sandro; Fabrizi, Giancarlo; Moro, Leonardo; JOCEAH; J. Org. Chem.; EN; 62; 16; 1997; 5327-5332.